

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH
094196781 FLAMINGO WASH AT NELLIS BOULEVARD NEAR LAS VEGAS, NV

LOCATION.--Lat 36°08'35", long 115°03'53" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec. 08, T.21 S., R.62 E., Clark County, Hydrologic Unit 15010015, on west side of concrete box culvert on Nellis Boulevard, and 0.25 mi north of Sahara Avenue.

DRAINAGE AREA.--215 mi².

PERIOD OF RECORD.--March 1988 to current year. Water year 1988-89 not published but are available in files of the U.S. Geological Survey. Computations of 1988 water year did not include daily base flow.

REVISIONS.--WDR NV-96-1: 1995.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 1,730 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. [See schematic diagram of Lower Colorado River Basins.](#)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,600 ft³/s, July 8, 1999, gage height, 15.43 ft, on basis of slope-area measurement of peak flow; maximum gage height, 15.90 ft, June 10, 1990; minimum daily, 1.3 ft³/s, April 4, 2004. Maximum daily precipitation, 1.52 inches, June 10, 1990 and February 8, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,770 ft³/s, August 16, gage height, 13.20 ft; minimum daily discharge, 1.3 ft³/s, April 4. Maximum daily precipitation, 0.65 in, April 2.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.4	3.9	5.4	4.5	3.9	9.3	3.9	12	e7.1	8.3	5.3	7.2
2	6.3	3.8	7.1	4.3	3.9	36	8.1	11	e7.8	7.1	e9.7	6.9
3	6.3	e4.2	7.6	4.3	4.2	8.9	2.5	11	e7.4	5.8	e6.4	6.0
4	6.2	e5.2	6.9	4.3	4.0	8.3	1.3	9.6	e7.3	5.0	4.5	6.0
5	6.1	e4.6	6.2	4.4	3.9	8.1	6.0	9.2	e7.5	4.6	e4.2	6.0
6	5.8	e4.5	5.5	4.4	3.9	8.1	8.2	9.6	e7.4	4.3	4.6	6.2
7	6.0	4.1	5.1	4.1	3.9	8.3	6.3	16	e7.2	4.6	4.8	6.3
8	6.1	4.7	5.2	3.8	3.9	8.3	5.2	14	e7.3	3.9	5.0	7.2
9	5.9	5.9	5.5	3.7	4.0	8.0	4.2	12	e7.5	3.8	11	11
10	6.0	8.8	5.7	3.3	3.9	7.3	4.2	12	e7.7	3.7	14	4.6
11	6.3	13	81	3.2	3.9	7.2	4.0	12	e7.7	3.6	10	4.4
12	6.5	97	16	3.7	3.9	7.2	6.0	12	e7.7	3.5	61	4.3
13	6.8	158	13	4.0	3.9	6.7	e7.8	e10	e7.6	3.4	12	4.3
14	6.5	5.9	13	4.2	3.8	6.3	e7.9	e8.9	e7.7	3.3	3.3	4.3
15	5.7	5.9	12	3.9	3.8	5.9	e8.0	e8.5	e7.7	e3.3	3.4	4.5
16	5.0	14	12	3.9	3.8	6.2	e8.3	e8.5	e8.3	e4.8	160	4.5
17	4.7	7.5	12	3.9	3.8	6.4	e8.8	e8.6	e8.8	e17	7.1	4.5
18	4.5	5.8	12	3.9	3.8	e6.7	e8.9	e8.4	e7.9	e15	3.5	4.5
19	4.4	5.1	12	3.9	3.8	e6.6	e9.3	e8.5	e7.7	e6.3	3.6	4.5
20	4.4	5.2	13	3.9	4.0	e6.6	e9.7	e9.0	e7.6	5.9	3.5	4.5
21	4.1	5.2	13	3.9	16	e7.1	e9.8	e8.6	e7.6	e5.3	3.5	4.7
22	3.9	4.7	11	3.9	21	e7.4	e9.9	e7.3	e7.9	e5.3	3.5	4.8
23	3.8	4.7	11	3.9	25	e7.4	e10	e7.7	e7.9	e5.6	6.8	4.9
24	3.6	5.2	12	3.9	41	e7.3	e10	e7.8	7.6	e5.2	4.8	5.1
25	3.5	5.1	62	3.8	22	e7.8	e10	e8.4	7.7	4.5	5.1	5.5
26	3.5	5.0	15	3.9	64	e7.7	e11	e7.6	8.2	e5.1	5.1	5.8
27	3.5	4.9	5.3	3.9	11	e6.9	e11	e6.4	8.3	e5.4	5.4	6.3
28	3.4	4.9	5.2	3.9	9.1	e5.5	13	e5.4	8.0	e5.0	5.7	7.0
29	3.4	4.9	5.2	3.9	9.0	e4.9	12	e5.1	8.1	e4.8	6.1	7.0
30	3.3	5.0	14	3.9	---	4.1	12	e4.9	8.2	e4.6	6.8	7.4
31	3.4	---	5.2	3.9	---	3.9	---	e4.7	---	e4.9	7.3	---
TOTAL	155.3	416.7	415.1	122.4	296.1	246.4	237.3	284.7	232.4	172.9	397.0	170.2
MEAN	5.01	13.9	13.4	3.95	10.2	7.95	7.91	9.18	7.75	5.58	12.8	5.67
MAX	6.8	158	81	4.5	64	36	13	16	8.8	17	160	11
MIN	3.3	3.8	5.1	3.2	3.8	3.9	1.3	4.7	7.1	3.3	3.3	4.3
AC-FT	308	827	823	243	587	489	471	565	461	343	787	338
†	0.00	0.52	0.75	0.05	1.19	0.08	1.09	0.00	0.00	0.28	0.00	0.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2004, BY WATER YEAR (WY)

MEAN	8.02	8.28	8.84	9.48	13.8	9.95	7.38	6.79	6.82	12.0	9.36	9.71
MAX	15.2	13.9	21.1	40.1	35.9	38.7	15.1	9.92	12.7	56.2	22.3	29.4
(WY)	(2001)	(2004)	(1995)	(1995)	(1998)	(1992)	(2003)	(2003)	(1990)	(1999)	(2003)	(1997)
MIN	3.56	4.58	4.30	3.90	3.43	3.86	3.86	3.64	4.41	5.58	4.55	5.67
(WY)	(1992)	(1990)	(1991)	(1999)	(1999)	(1990)	(1991)	(1990)	(1994)	(2004)	(1998)	(2004)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1989 - 2004	
ANNUAL TOTAL	4,584.1		3,146.5			
ANNUAL MEAN	12.6		8.60		9.18	
HIGHEST ANNUAL MEAN					12.7	
LOWEST ANNUAL MEAN					5.57	
HIGHEST DAILY MEAN	318	Aug 19	160	Aug 16	613	Jul 8, 1999
LOWEST DAILY MEAN	3.3	Oct 30	1.3	Apr 4	1.3	Apr 4, 2004
ANNUAL SEVEN-DAY MINIMUM	3.4	Oct 25	3.4	Oct 25	1.8	Oct 31, 1991
MAXIMUM PEAK FLOW			1,770	Aug 16	5,600	Jul 8, 1999
MAXIMUM PEAK STAGE			13.20	Aug 16	15.90	Jun 10, 1990
ANNUAL RUNOFF (AC-FT)	9,090		6,240		6,650	
10 PERCENT EXCEEDS	14		12		10	
50 PERCENT EXCEEDS	8.3		6.0		6.6	
90 PERCENT EXCEEDS	5.2		3.8		3.9	

e Estimated
 † Precipitation total, in inches.